

Converting Colors

XYZ(41.0302, 35.0961, 73.3017)

Have a look what the booklet for
XYZ(41.0302, 35.0961, 73.3017)
contains.

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Color

**XYZ(40.9404, 35.0866,
73.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	AE93DD
RGB	174, 147, 221
RGB Percent	68%, 58%, 87%
CMY	0.3176, 0.4235, 0.1333
CMYK	0.21, 0.33, 0.00, 0.13
HSL	262°, 52%, 72%
HSV	262°, 33%, 87%
XYZ	40.9404, 35.0866, 73.0212
YIQ	163.5090, -7.6620, 28.7380

Conversions

Conversions Part 2

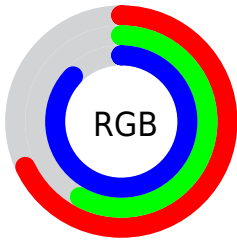
Format	Color
RYB	174, 147, 221
Decimal	11441117
CIELab	65.82, 24.95, -34.00
CIELCh	66, 42.174, 306.275
Yxy	35.0866, 0.2747, 0.2354
Android (android.graphics.Color)	4289631197 (0xFFAE93DD)
YUV	163.5090, 28.3431, 9.2006
Hunter-Lab	59.2339, 19.7135, -31.6265

Details

The XYZ color **40.9404, 35.0866, 73.0212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.3721, 65.2897, 37.3944**, and the grayscale version is **34.9271, 36.7460, 40.0164**.

A 20% lighter version of the original color is **71.5698, 65.8163, 103.5394**, and **18.8115, 15.1120, 38.0018** is the 20% darker color. If you saturate the color by 10%, you get **34.8630, 27.3334, 71.8456**, and if you desaturate by 10%, it is **48.0072, 44.3314, 74.4337**.

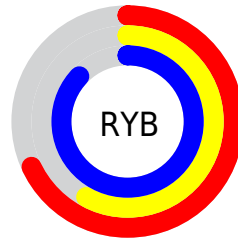
Distribution



Red (68%)

Green (58%)

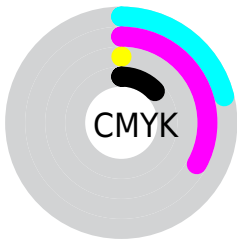
Blue (87%)



Red (68%)

Yellow (58%)

Blue (87%)

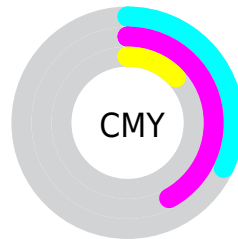


Cyan (21%)

Magenta (33%)

Yellow (0%)

Black (13%)



Cyan (32%)


Magenta (42%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9404, 35.0866, 73.0212 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 40.9404, 35.0866, 73.0212 by changing the saturation by 10% instead.


 40.9404, 35.0866,
73.0212


 40.9404, 35.0866,
73.0212

341.1383,
324.9504, 490.1610

 28.4600, 23.7296,
53.5014

 75.8687, 67.6199,
125.2285

 18.8149, 15.1332,
37.8127


 99.0473, 89.5650,
158.7531

 11.6398, 8.9129,
25.5366


126.5226,
115.8082, 197.7829

 6.5694, 4.6844,
16.2547

158.6601,
146.7340, 242.7367

 3.2382, 2.0633,
9.5482

195.8250,
182.7267, 294.0328

 1.2809, 0.6439,
4.9988

238.3828,

 0.1689, 0.0000,

224.1708, 352.0899

2.1878

286.6988,
271.4505, 417.3264

■ 0.0000, 0.0000,
0.6673

■ 0.0000, 0.0000,
0.0000

■ 40.9404, 35.0866,
73.0212

■ 40.9404, 35.0866,
73.0212

■ 34.8630, 27.3334,
71.8456

■ 48.0072, 44.3314,
74.4337

■ 29.7234, 20.9864,
70.8914

■ 56.1041, 55.1382,
76.0929

■ 25.4706, 15.9582,
70.1450

■ 65.2741, 67.5781,
78.0107

■ 22.0465, 12.1493,
69.5903

■ 75.5563, 81.7164,
80.1978

■ 19.3854, 9.4452,
69.2086

■ 86.1839, 96.0068,
82.3960

■ 17.4091, 7.7083,
68.9775

■ 90.0513, 98.0005,
82.5770

■ 16.4133, 6.9537,
68.8843

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.6736, 35.0866, 83.3886



40.9404, 35.0866, 73.0212



45.5451, 35.0866, 53.7151

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.9404, 35.0866, 73.0212



38.3981, 35.0866, 14.6364



22.8136, 35.0866, 42.0722

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.9404, 35.0866, 73.0212



53.3721, 65.2897, 37.3944

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.5508, 35.0866, 26.0085



40.9404, 35.0866, 73.0212



32.0581, 35.0866, 13.2625

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.9404, 35.0866, 73.0212



43.9543, 35.0866, 21.3045



26.7589, 35.0866, 16.7022



24.6031, 35.0866, 62.2746

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.9404, 35.0866, 73.0212



46.7695, 35.0866, 40.4731



26.7589, 35.0866, 16.7022



22.7776, 35.0866, 36.0200

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.9416, 35.0880, 73.0220



81.7383, 81.8523, 106.0988



44.6225, 50.4997, 75.8028



17.1214, 17.0142, 22.6316



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.9416, 35.0880, 73.0220



50.7303, 40.9774, 99.8434



50.0358, 39.7762, 73.4476



12.7850, 12.8473, 16.4581



9.6486, 4.0982, 40.0209



0.7178, 0.3133, 2.5971

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.9912, 40.1360, 56.1525



65.2579, 49.0931, 72.2183



45.2443, 61.0996, 37.0141



13.4023, 13.1900, 15.3798



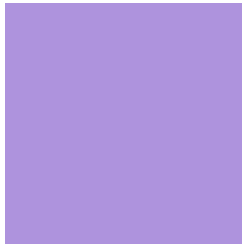
20.1439, 10.0586, 15.6698



1.3459, 0.6680, 1.2303

Previews

White Background



This preview shows how the XYZ color 40.9404, 35.0866, 73.0212 looks on a white background.

Color Contrast Check

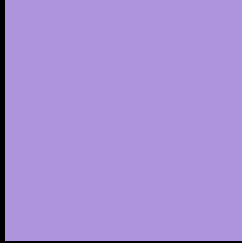
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.9404, 35.0866, 73.0212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

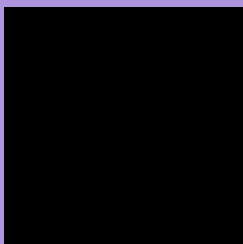
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9404, 35.0866, 73.0212

Background



This preview shows how black text looks on a background with the XYZ color 40.9404, 35.0866, 73.0212.



This preview shows how white text looks on a background with the XYZ color 40.9404, 35.0866,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.9404, 35.0866, 73.0212

Protanopia

36.6862, 35.4292, 79.0337

Deuteranopia

36.1684, 35.3190, 71.9288



Tritanopia

34.8297, 35.0156, 42.9532

Trichromacy



Original Color

40.9404, 35.0866, 73.0212

Protanomaly

37.8607, 35.0862, 76.7283

Deuteranomaly

37.8003, 35.1485, 72.5022

Tritanomaly

36.7250, 34.7814, 52.9220

Monochromacy



Original Color

40.9404, 35.0866, 73.0212

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.1323, 36.2813, 50.9449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9404, 35.0866, 73.0212 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 147, 221)` looks like.

```
.text, #text, p{  
    color:rgb(174, 147, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 147, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 147, 221) }
```

Border

The CSS property to change the border of an element to XYZ 40.9404, 35.0866, 73.0212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 147, 221) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 147, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 147, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 147, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 147, 221);  
box-shadow:4px 4px 4px 4px rgb(174, 147,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9404, 35.0866, 73.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 147, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
147, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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